

SYSTEM AND METHOD FOR MEASURING POSITION OF OPTICAL TRANSMISSION MEMBERS IN AN ARRAY

ABSTRACT OF THE DISCLOSURE

A method and system for measuring the position of optical transmission members in an array includes: directing a laser light from a single laser source to two or more optical transmission members in an array; creating an optical interference pattern between the laser light emanating from the two or more optical transmission members; and characterizing the optical interference pattern to provide information about a position of the two or more optical transmission members in the array. In one embodiment, the array is a one-dimensional array. In another embodiment, the array is a two-dimensional array.

202204151800T